

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. **(Currently Amended)** A voltage block device, ~~used~~ configured for use in an electrostatic coating system in which a negative electric potential is applied to a coating material supplied from a coating material source to ~~an spraya~~ spray device configured to spray for spraying the coating material to a coating ~~objective-object~~ to which a positive electric potential is applied, ~~for preventing the voltage block device configured to prevent~~ the negative electric potential from transferred to the coating material source, comprising:
 - a switching device including a slider which is selectively slidable between first and second positions, ~~and has an inlet port fluidly communicated in fluidic communication~~ with the coating material source, and an outlet port ~~fluidly communicated in fluidic communication~~ with the spray device;
 - a reservoir including first and second chambers;
 - the inlet and outlet ports ~~being fluidly communicated in fluidic communication~~ with the first and second chambers, respectively, when the slider is at the first position; and
 - the inlet and outlet ports ~~being fluidly communicated in fluidic communication~~ with the second and first chambers, respectively, when the slider is at the second position.
2. **(Currently Amended)** A voltage block device according to claim 1, the reservoir comprising a cylinder and a double headed piston slidable within the cylinder so that ~~the inner an inner~~ inner wall of the cylinder and the ends of the double headed piston defines the first and second chambers in the cylinder.
3. **(Currently Amended)** A voltage block device according to claim 1, wherein the slider comprises a body defining a bottom surface facing to the base member, ~~an topa top~~ top surface

opposite to the bottom surface, opposing first and second surfaces ~~which that~~ extend between the bottom and top surfaces transversely relative to ~~the to~~ a direction of the motion of the slider;

the body further defining inlet and outlet passages extending in the body to ~~provide and~~ define the inlet and outlet ports;

the voltage block device further comprising first and second moving quick couplers which are attached to the opposing first and second surfaces, respectively, and fluidly ~~connected~~ connect to the inlet passage;

third and fourth moving quick couplers which are attached to the opposing first and second surfaces, respectively, and fluidly ~~connected~~ connect to the outlet passage;

first and second stationary quick couplers which are fluidly connected to the first and second chambers of the reservoir, respectively;

third and fourth stationary quick couplers which are fluidly connected to the second and first chambers of the reservoir, respectively;

the first and third moving quick couplers being coupled to the first and third stationary quick couplers and the second and fourth moving quick couplers being decoupled from the second and fourth stationary quick couplers when the body is at the first position; and

the first and third moving quick couplers being decoupled from the first and third stationary quick couplers and the second and fourth moving quick couplers being coupled to the second and fourth stationary quick couplers when the body is at the second position.

4. (Original) A voltage block device according to claim 3, the voltage block device further comprising a first moving shielding member attached to the opposing first and second surfaces around each of the first to fourth moving quick couplers.

5. (Original) A voltage block device according to claim 4, the voltage block device further comprising a first stationary shielding member surrounding the first to fourth stationary quick couplers.

6. (Original) A voltage block device according to claim 5, the voltage block device further comprising second moving shielding members attached to the opposing first and second surfaces

between the first and third moving quick couplers and second and fourth moving quick couplers respectively.

7. **(Currently Amended)** An electrostatic coating system, comprising:

a coating material source;

~~an spray~~ a spray device, applied with a negative electric potential, ~~for spraying the spray device configured to spray~~ the coating material from the coating material source to a coating ~~objective~~ object, applied with a positive electric potential; and

a voltage block device, ~~for preventing~~ configured to prevent the negative electric potential from being transferred to the coating material source:

the voltage block device, comprising:

a switching device including a slider which is selectively slidable between first and second positions, ~~and has an inlet port fluidly communicated in fluidic communication with the coating material source, and an outlet port fluidly communicated in fluidic communication with the spray device;~~

a reservoir including first and second chambers;

~~wherein the inlet and outlet ports being fluidly communicated~~ communicate with the first and second chambers, respectively, when the slider is at the first position; and

the inlet and outlet ports ~~being fluidly communicated~~ communicate with the second and first chambers, respectively when the slider is at the second position.

8. **(Currently Amended)** An electrostatic coating system according to claim 7, the reservoir comprising a cylinder and a double headed piston slidable within the cylinder so that ~~the inner~~ an inner wall of the cylinder and the ends of the double headed piston defines the first and second chambers in the cylinder.

9. **(Currently Amended)** An electrostatic coating system according to claim 7, wherein the slider comprises:

a body defining a bottom surface facing to the base member, ~~an~~ a top surface opposite to the bottom surface, opposing first and second surfaces which extend between the bottom and top surfaces transversely relative to ~~the direction~~ a direction of the motion of the slider;

the body further defining inlet and outlet passages extending in the body and providing the inlet and outlet passage;

the voltage block device further comprising first and second moving quick couplers which are attached to the opposing first and second surfaces respectively and fluidly ~~connected~~ connect to the inlet passage;

third and fourth moving quick couplers which are attached to the opposing first and second surfaces respectively and fluidly ~~connected~~ connect to the outlet passage;

first and second stationary quick couplers ~~which~~ that are fluidly connected to the first and second chambers of the reservoir respectively;

third and fourth stationary quick couplers ~~which~~ that are fluidly connected to the second and first chambers of the reservoir, respectively;

the first and third moving quick couplers being coupled to the first and third stationary quick couplers and the second and fourth moving quick couplers being decoupled from the second and fourth stationary quick couplers when the body is at the first position; and

the first and third moving quick couplers being decoupled from the first and third stationary quick couplers and the second and fourth moving quick couplers being coupled to the second and fourth stationary quick couplers when the body is at the second position.

10. (Original) An electrostatic coating system according to claim 9, the voltage block device further comprising a first moving shielding member attached to the opposing first and second surfaces around each of the first to fourth moving quick couplers.

11. (Original) An electrostatic coating system according to claim 10, the voltage block device further comprising a first stationary shielding member surrounding the first to fourth stationary quick couplers.

12. (Original) An electrostatic coating system according to claim 11, the voltage block device further comprising second moving shielding members attached to the opposing first and second surfaces between the first and third moving quick couplers and second and fourth moving quick couplers respectively.
13. (New) A voltage block device according to claim 3, the reservoir comprising a cylinder and a double headed piston slidable within the cylinder so that the inner wall of the cylinder and the ends of the double headed piston defines the first and second chambers in the cylinder.
14. (New) An electrostatic coating system according to claim 9, the reservoir comprising a cylinder and a double headed piston slidable within the cylinder so that the inner wall of the cylinder and the ends of the double headed piston defines the first and second chambers in the cylinder.
15. (New) A voltage block device, configured for use in an electrostatic coating system in which a negative electric potential is applied to a coating material supplied from a coating material source to a spray device for spraying the coating material to a coating object to which a positive electric potential is applied, the voltage block device configured to prevent the negative electric potential from transferred to the coating material source, comprising:
- a switching device including a slider which is selectively slidable between first and second positions, an inlet port fluidly communicated with the coating material source, and an outlet port fluidly communicated with the spray device;
 - a reservoir comprising a cylinder and a double headed piston slidable within the cylinder so that an inner wall of the cylinder and ends of the double headed piston define first and second chambers in the cylinder, the cylinder having two and only two fluid communicating ports, the two and only two fluid communicating ports consisting of a first port providing access to/from the first chamber at one end of the cylinder and a second port providing access to/from the second chamber at the other end of the cylinder;
 - the inlet and outlet ports being fluidly communicated with the first and second chambers, respectively, when the slider is at the first position; and

the inlet and outlet ports being fluidly communicated with the second and first chambers, respectively, when the slider is at the second position.